



# FEMA



Prepared by  
*Brian Hoeth*

# FEMA Region 6 Weather Threat Briefing

Tuesday, October 30, 2018

**Disclaimer:** The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to [www.weather.gov/srh](http://www.weather.gov/srh).

# Summary of the Upcoming Week



**SR ROC**  
REGIONAL OPERATIONS CENTER

## Today

- Heavy snow in the northern mountains of NM this evening into Wednesday w/ travel impacts to I-25.

## Wednesday

- Enhanced Risk of severe thunderstorms for Central into E&SE TX & Western LA. Slight Risk extends into West-Central, South-Central & NE TX, Southern AR, and much of the rest of LA.
- Areas of heavy rain/flash flooding for AR into NE TX, SE OK, and N LA.

## Thursday

- Slight Risk of severe thunderstorms for SE LA. Marginal Risk extends into S-Central LA.
- Isolated heavy rain/flash flooding from S-Central LA into E&SE LA and E AR.

## Friday - Saturday

- No significant weather impacts expected.

## River Flood Status

- Points along the Nueces river in S TX will continue in Major Flood through this week. Evacuation of livestock and a few residential properties may be required.
- The Trinity River at Liberty in SE TX will continue in Moderate Flood through this week. Roads flooded/closed and residents in some subdivisions above Liberty may be cut off if not evacuated.

## Tropical Outlook

- Hurricane Oscar in the Central Atlantic will have no impacts to FEMA 6.
- Additional tropical cyclone formation is not expected during the next 5 days.

# FEMA Region 6 Threat Matrix

Oct 30, 2018 – Nov 3, 2018



**SR ROC**  
REGIONAL OPERATIONS CENTER

DAY / THREAT	TUE	WED	THU	FRI	SAT
Severe Storms		Cntrl/E/SETX, W LA			
		W-Cntrl/S-Cntrl/NETX, SAR, LA			
		W/S/NTX, Cntrl AR, SE LA			
Heavy Rain / Flash Flooding		AR, NETX, SE OK, N LA	SE LA		
		N/Cntrl/SETX, SW/Cntrl LA	S-Central/NE LA, E AR		
Winter Weather	N mountains NM (late)	N mountains NM			
Tropical Weather					
River Flooding	SETX STX	SETX STX	SETX STX	SETX STX	SETX STX

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

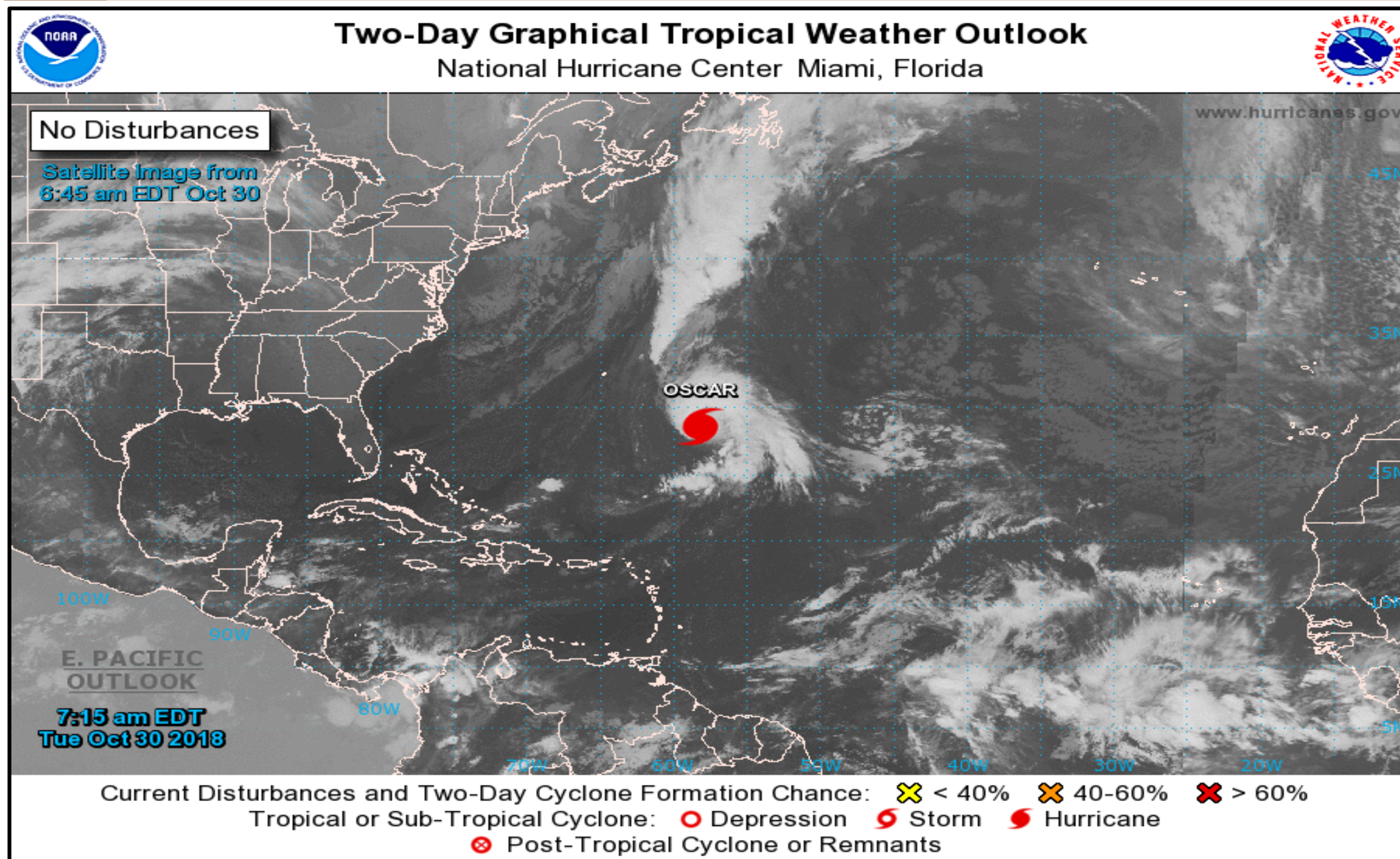
*\*Threat levels are based on FEMA Region 6 criteria.  
State or local threat level criteria may differ.\*  
For more details on the colors in the threat matrix refer to the last slide in this briefing.*



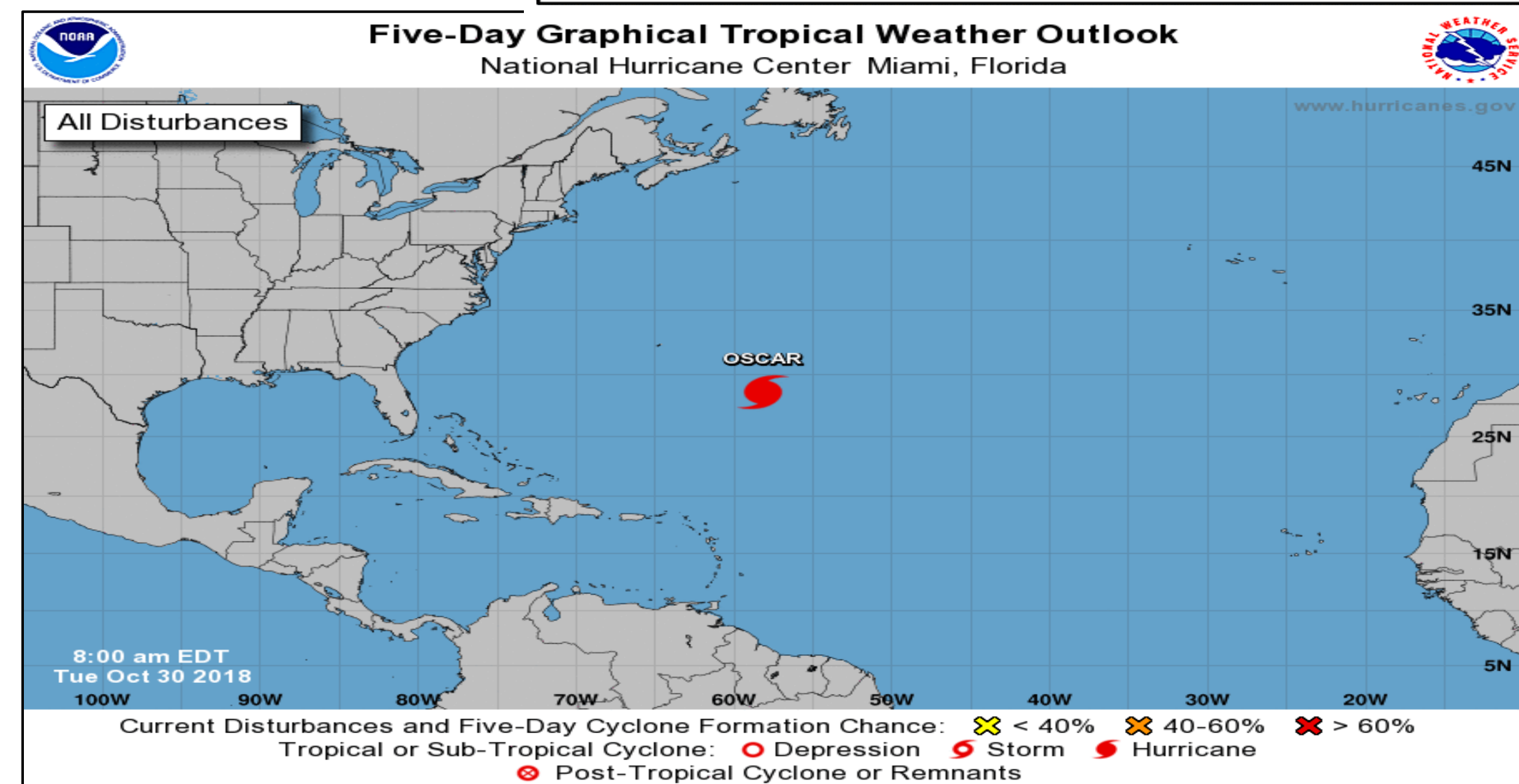
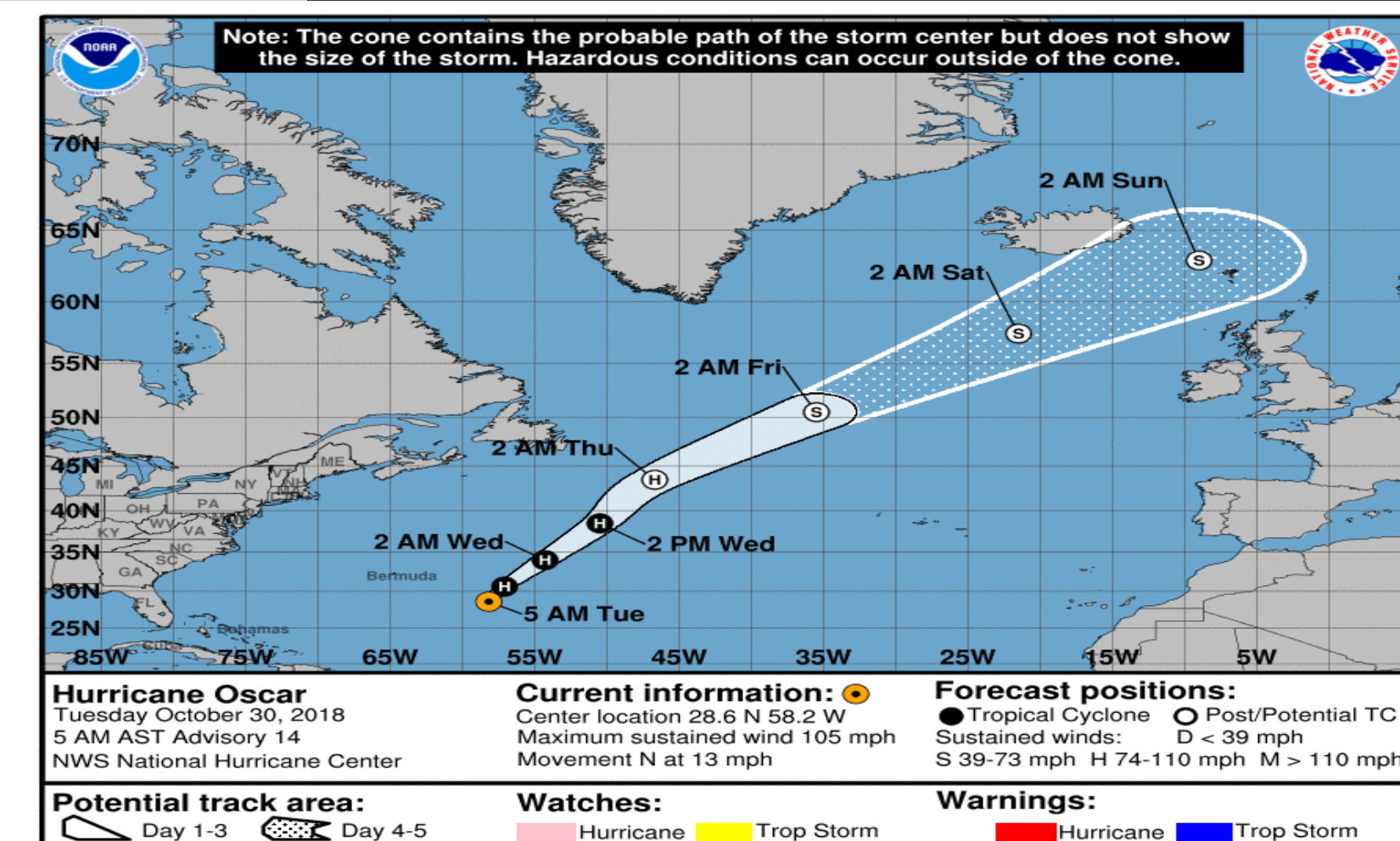
# Tropical Weather Outlook – Atlantic/Gulf



SR ROC  
REGIONAL OPERATIONS CENTER



- Hurricane Oscar in the Central Atlantic will have no impacts to FEMA 6.
- Additional tropical cyclone formation is not expected during the next 5 days.



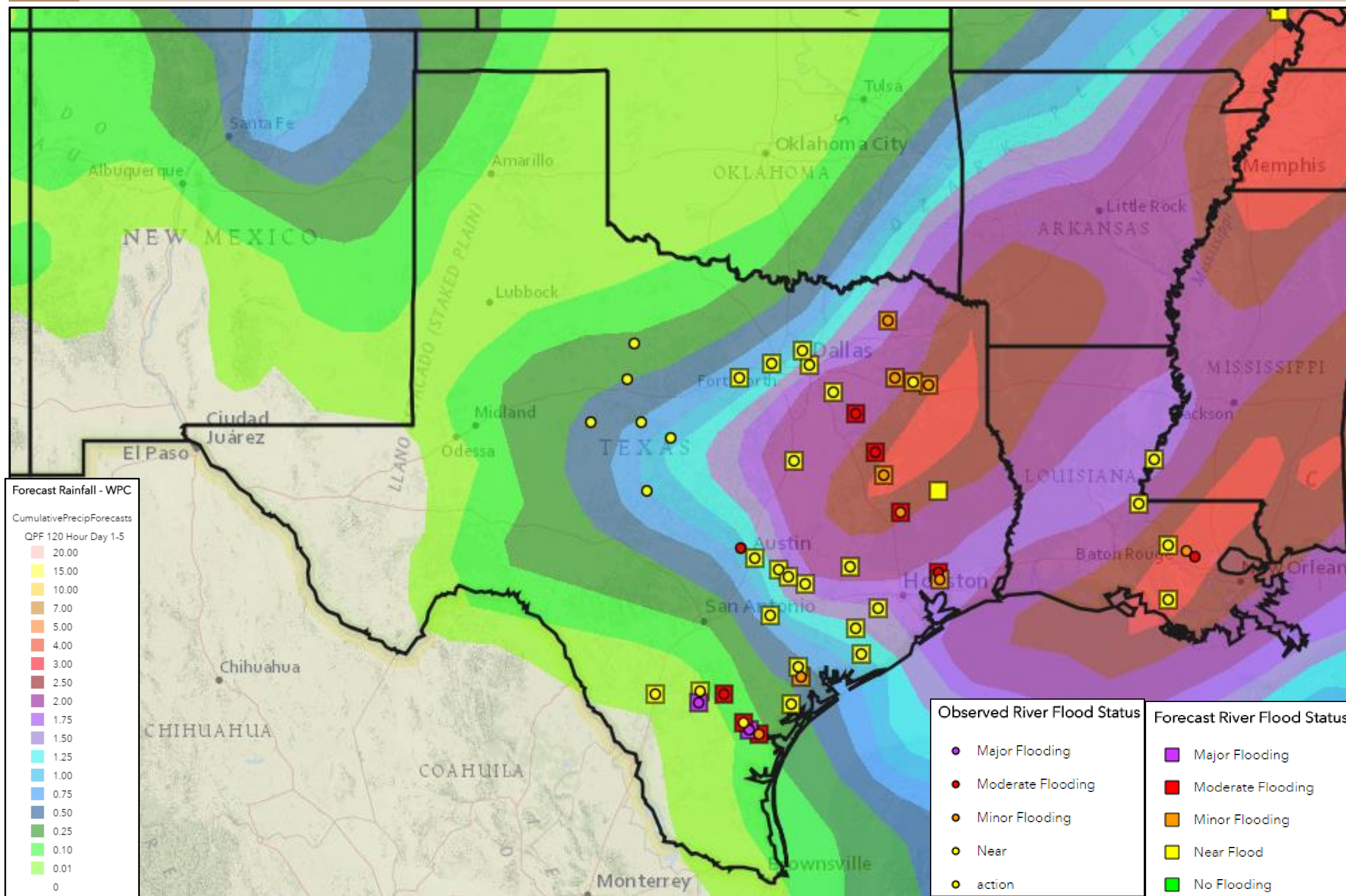


# 5-Day Precipitation Forecast & River Flood Status



SR ROC  
REGIONAL OPERATIONS CENTER

*Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall*



- Points along the Nueces river in STX will continue in Major Flood through this week. Evacuation of livestock and a few residential properties may be required.
- The Trinity River at Liberty in SETX will continue in Moderate Flood through this week. Roads flooded/closed and residents in some subdivisions above Liberty may be cut off if not evacuated.

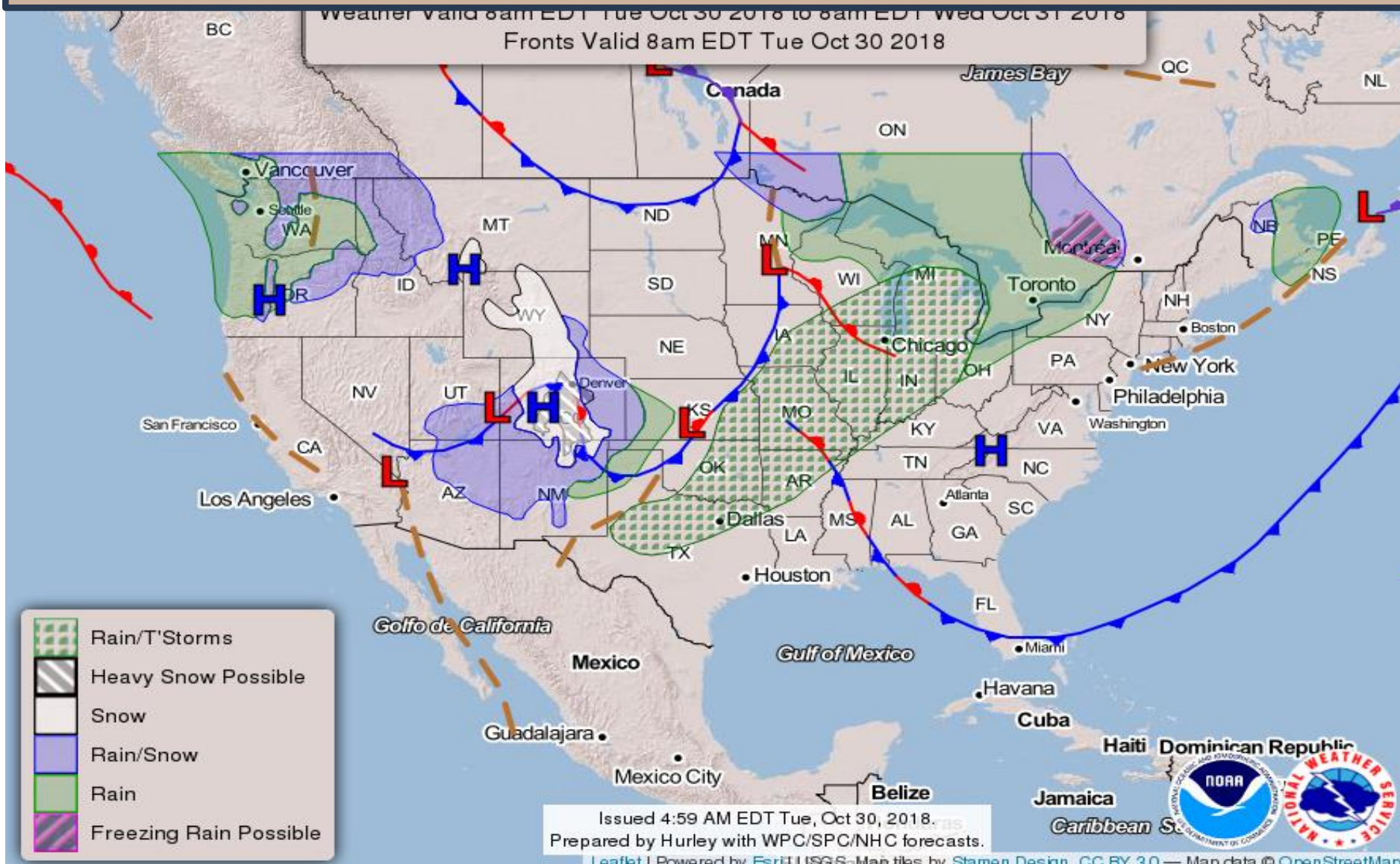


# Today's Weather

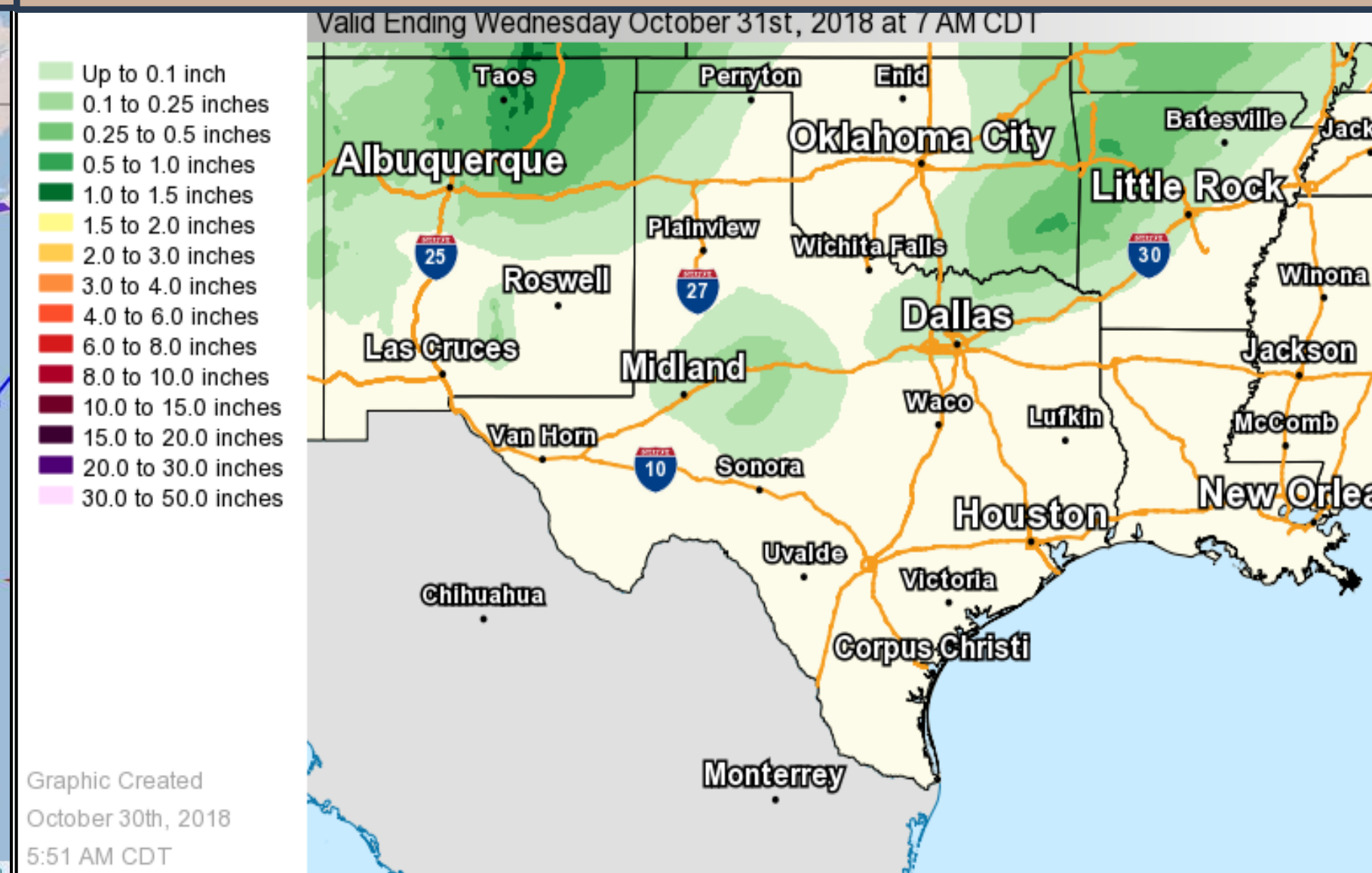


SR ROC  
REGIONAL OPERATIONS CENTER

## Forecast Chart

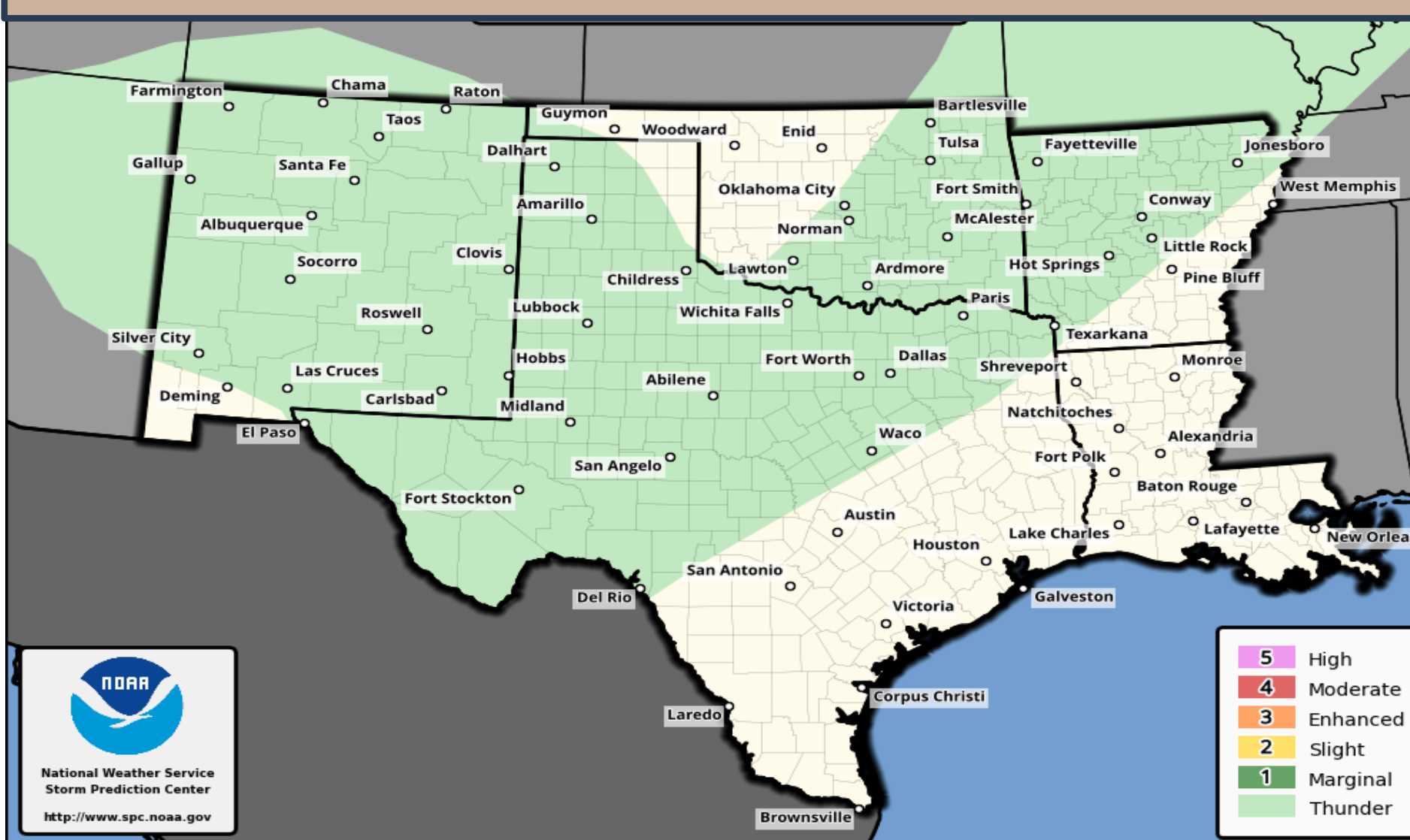


## Forecast Rainfall

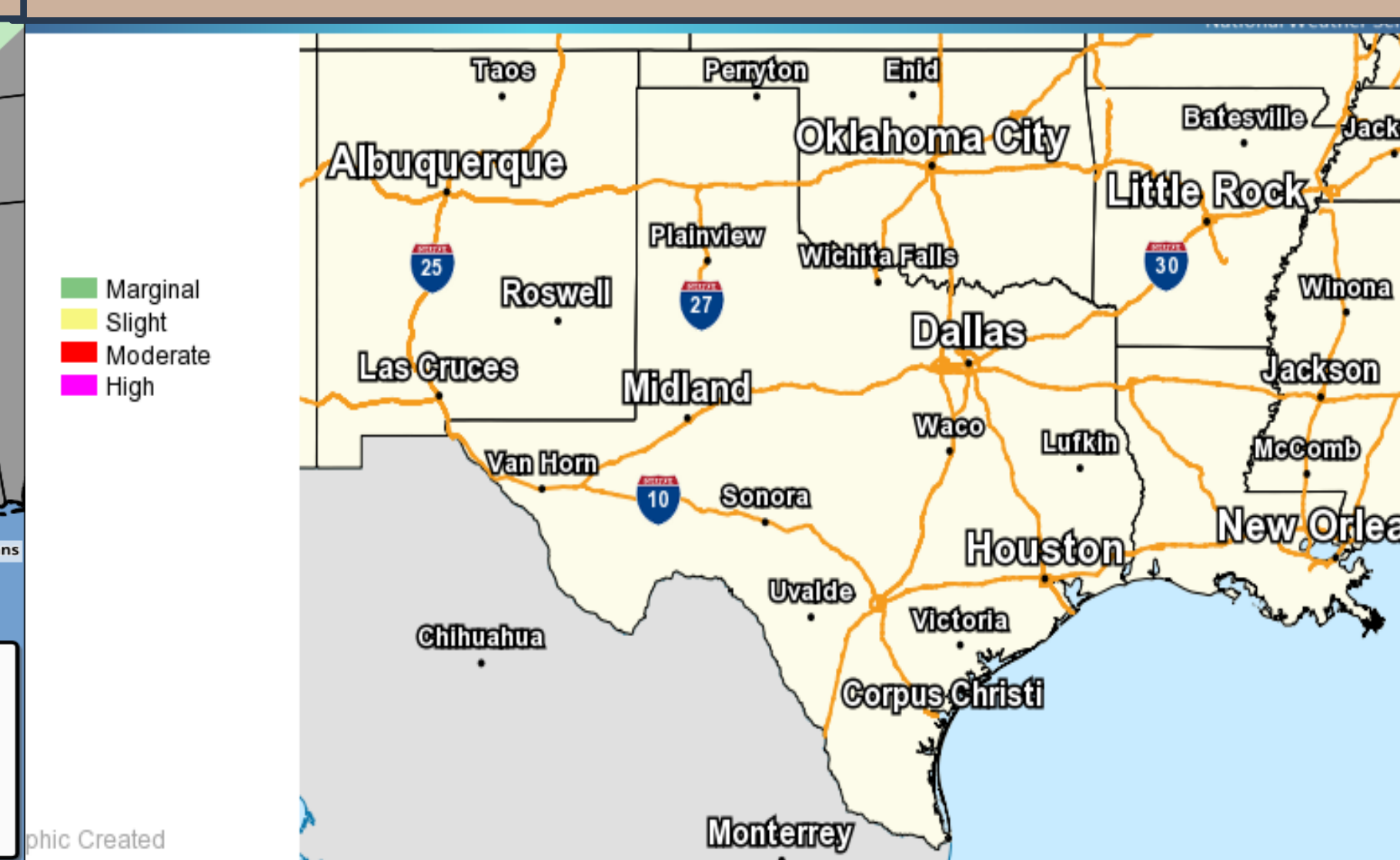


**Heavy snow beginning this evening into Wednesday for the northern mountains of NM. Winter Storm Warning in effect. See next slide for details.**

## Severe Weather Outlook



## Excessive Rainfall Outlook





# Watches, Warnings, and Advisories



SR ROC  
REGIONAL OPERATIONS CENTER

## Fire Weather



Graphic Created

## Severe Weather & Flooding

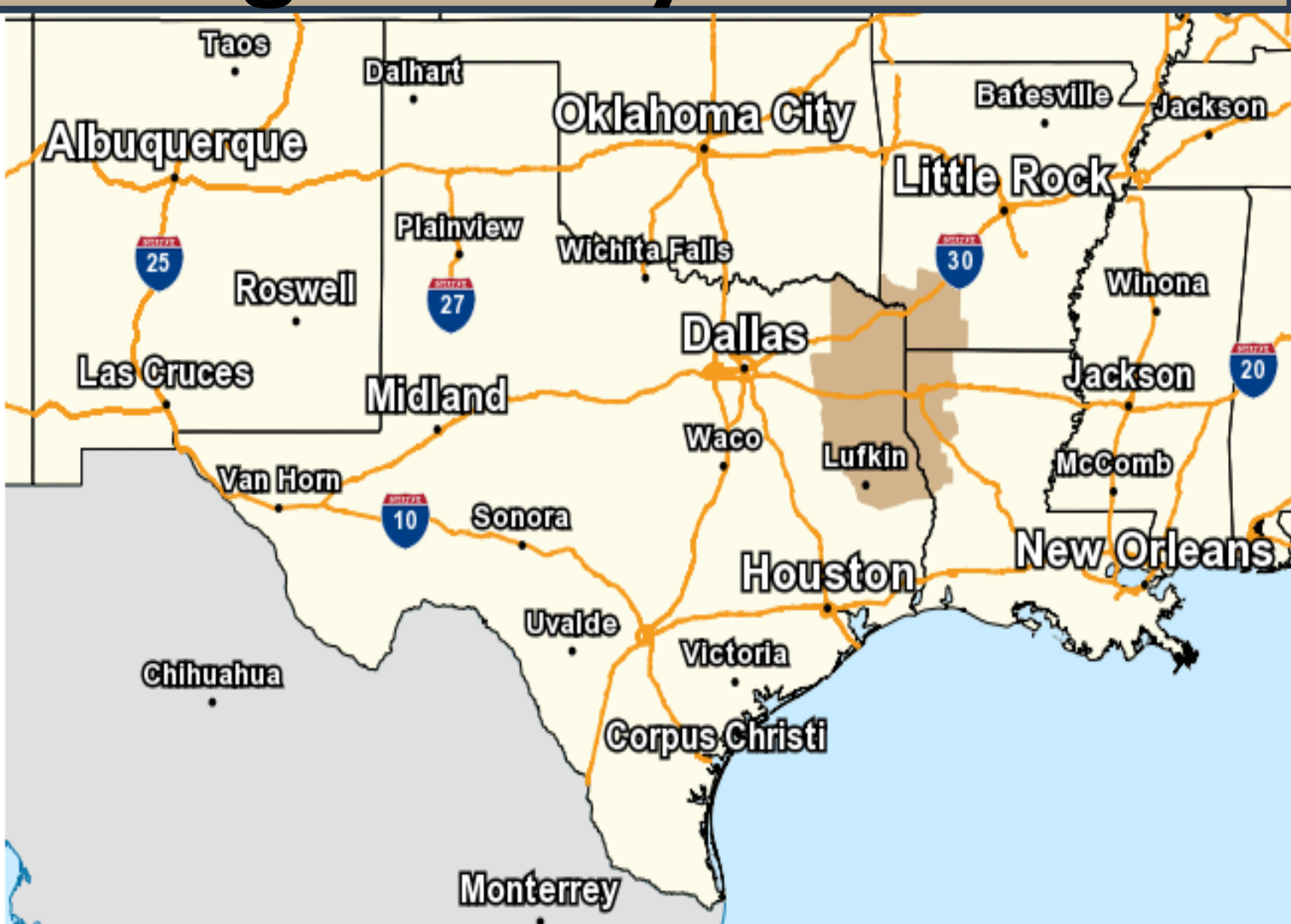


Graphic Created

## Winter Storm Warning for the northern mountains of NM.

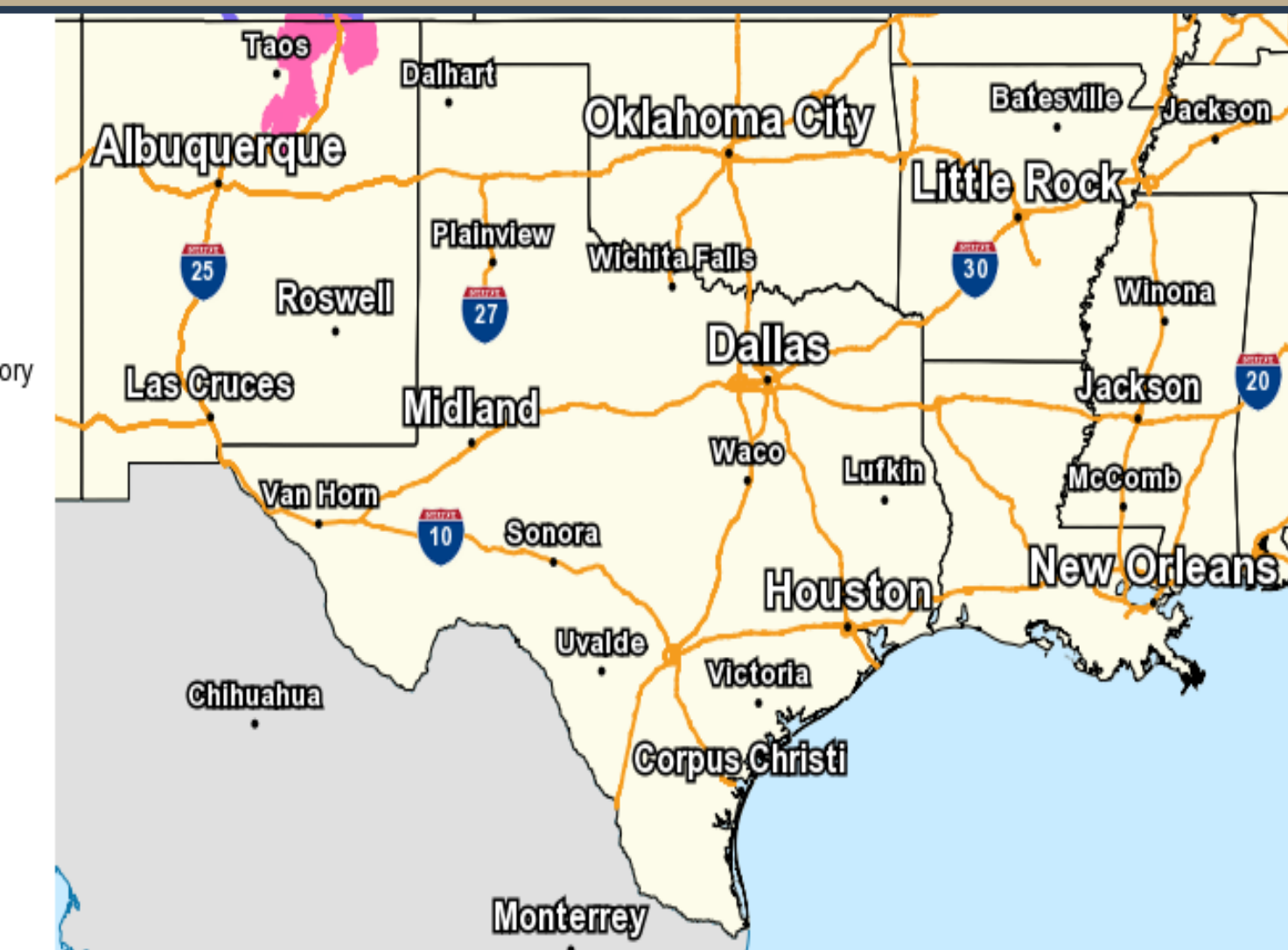
- **WHAT...**Heavy snow expected. Total snow accumulations of 4 to 8 inches, with localized amounts up to 12 inches, are expected.
- **WHERE...**Northern Sangre de Cristos above 9500 feet including Red River, Southern Sangre de Cristos above 9500 feet, East Slopes Sangre de Cristo Mountains, Raton Ridge and Johnson Mesa.
- **WHEN...**From 8 PM this evening to 4 PM MDT Wednesday.
- **ADDITIONAL DETAILS...**Plan on difficult travel conditions. Expect significant reductions in visibility at times.

## Strong & Gusty Winds



Graphic Created

## Winter Weather



Graphic Created



# Tomorrow's Weather



**SR ROC**  
REGIONAL OPERATIONS CENTER

## Forecast Chart

## Forecast Rainfall

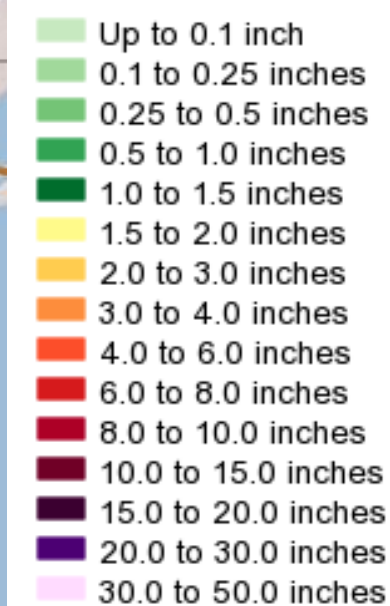
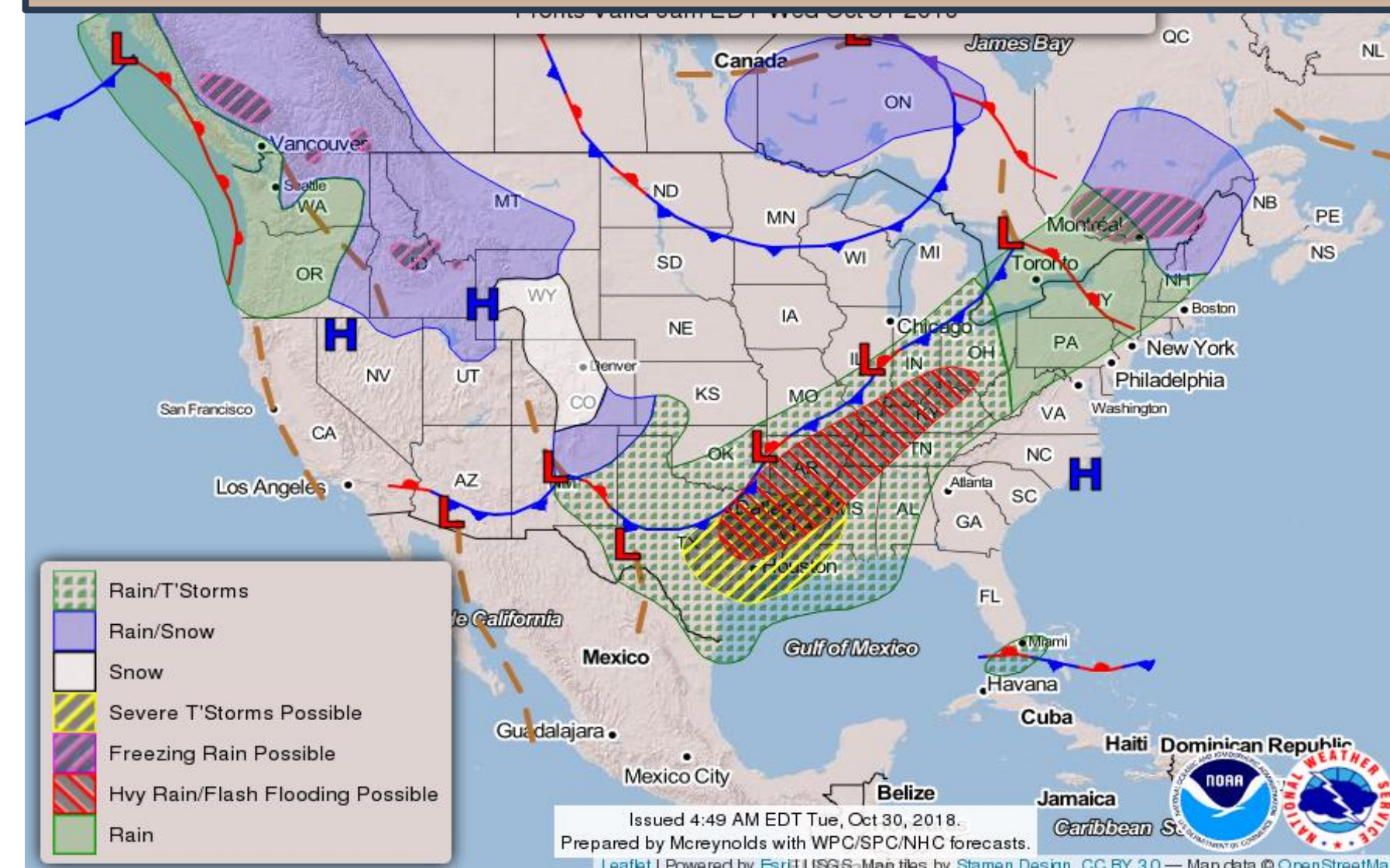
**Enhanced Risk of severe thunderstorms for portions of Central TX into E & SE TX & Western LA. Slight Risk extends into West-Central TX, South-Central TX, NE TX, S AR, and much of the rest of LA. Damaging winds/hail are the main threats. A few tornadoes possible.**

**Areas of heavy rain/flash flooding for AR into NE TX, SE OK, and N LA.**

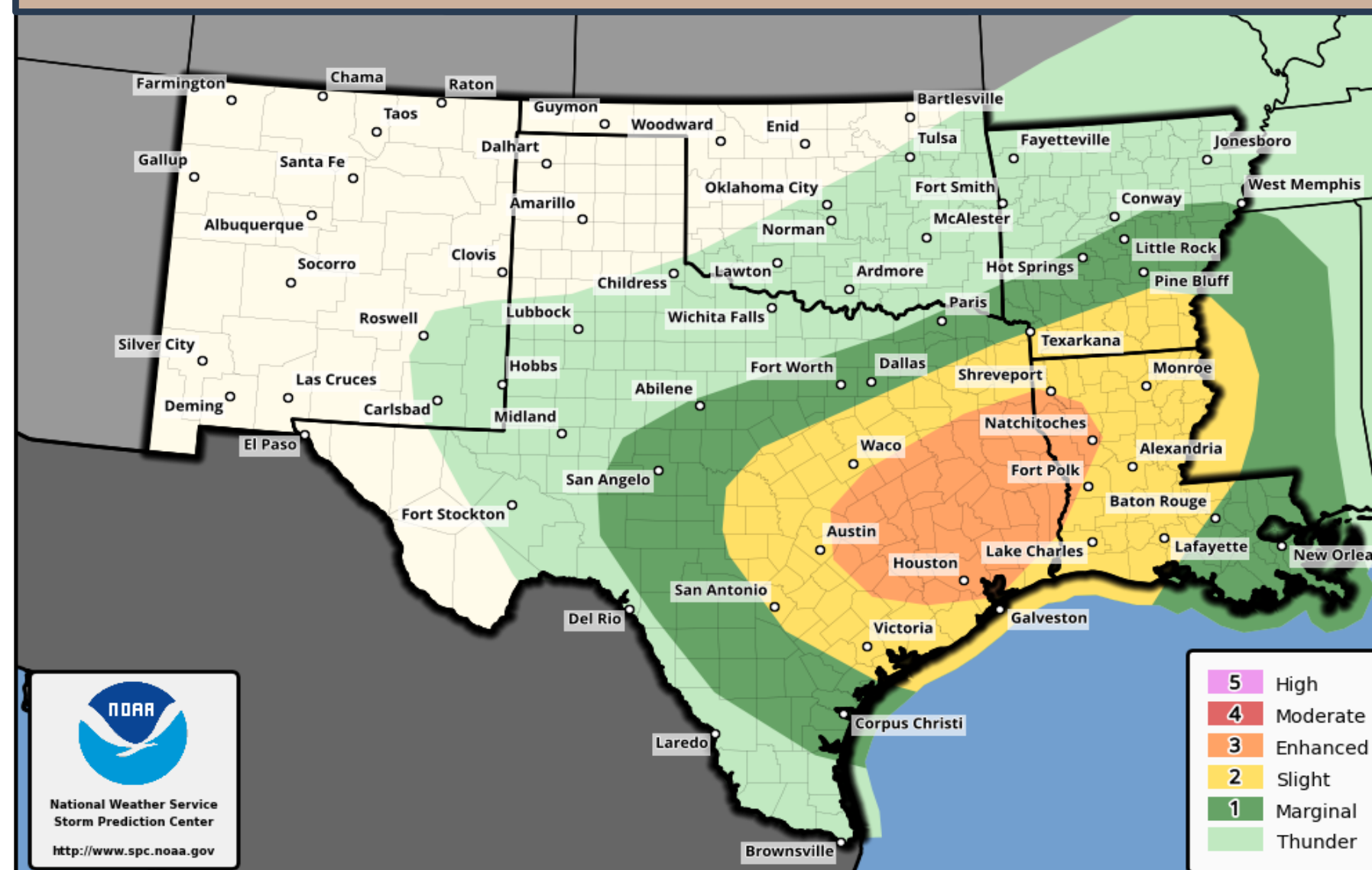
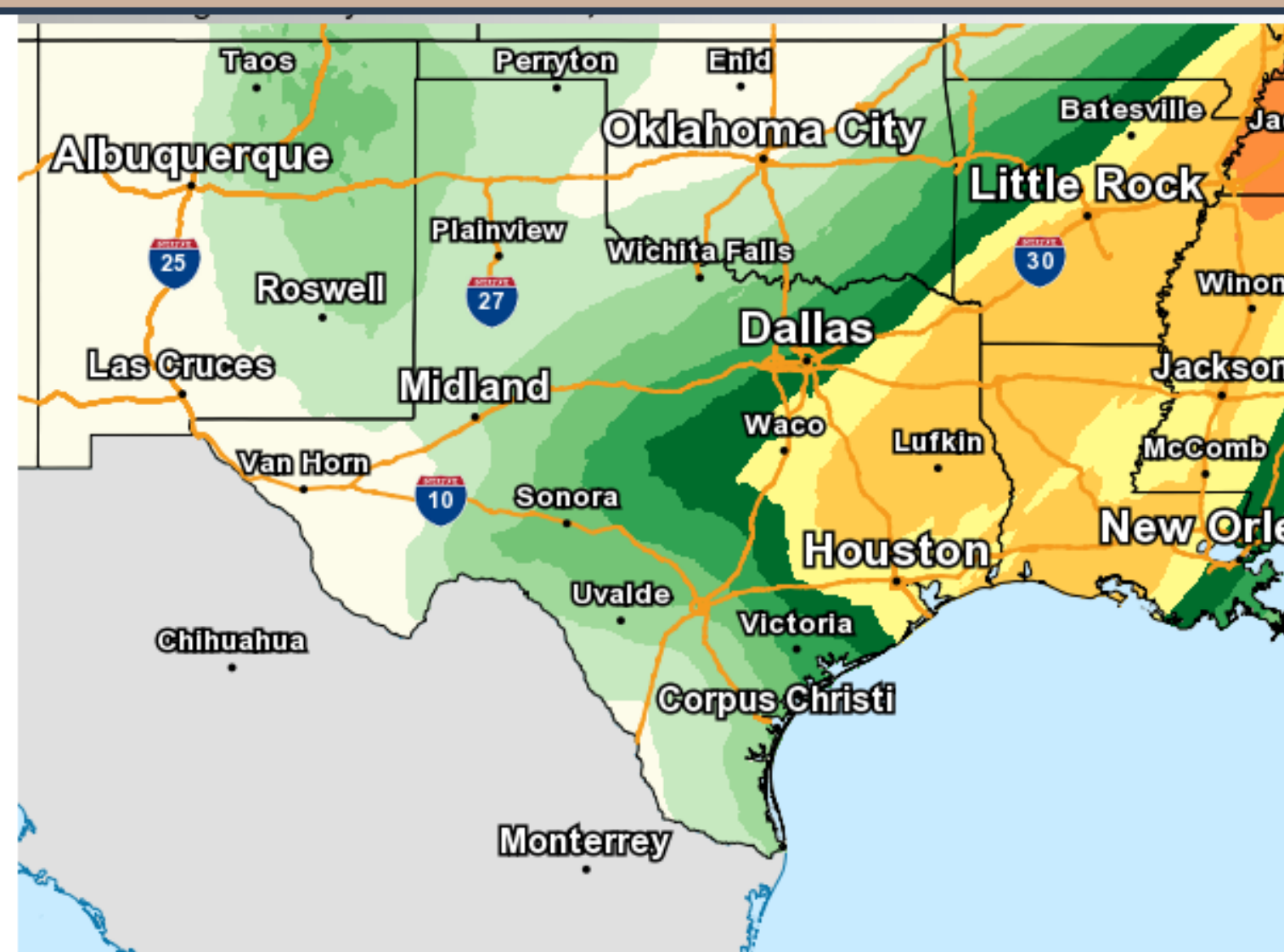
**Snow continues for NE NM with travel impacts to Interstate 25 from Glorieta Pass to Raton.**

## Severe Weather Outlook

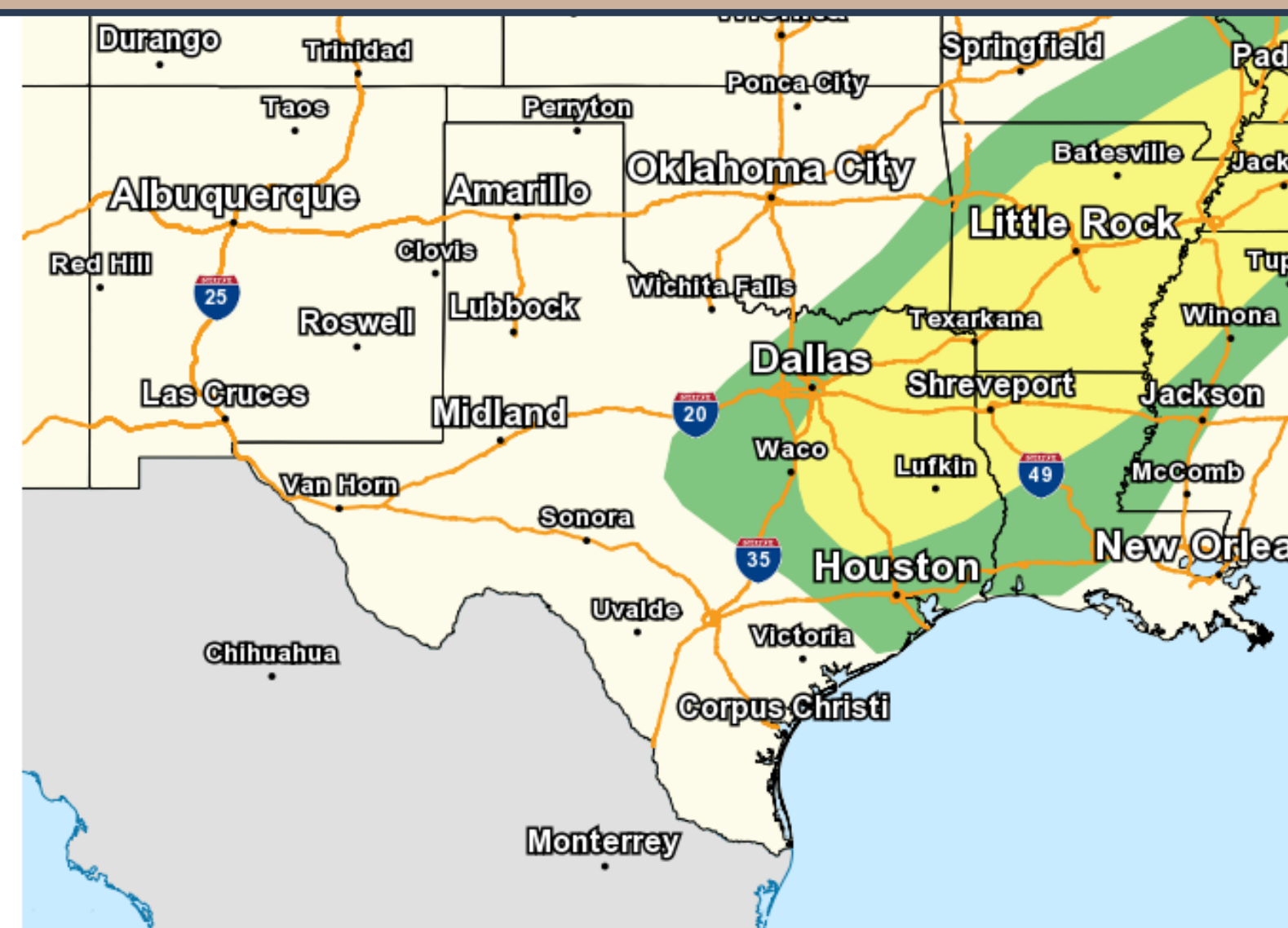
## Excessive Rainfall Outlook



Graphic Created  
October 30th, 2018  
5:52 AM CDT



Graphic Created  
October 30th, 2018  
AM CDT





# Thursday's Weather



SR ROC  
REGIONAL OPERATIONS CENTER

## Forecast Chart

## Forecast Rainfall

**Slight Risk of severe thunderstorms for SE LA. Marginal Risk extends into South-Central LA. Damaging winds/hail are the main threats. A tornado or two possible.**

**Isolated heavy rain/flash flooding from S-Central LA into E&SE LA and E AR.**

## Severe Weather Outlook

## Excessive Rainfall Outlook

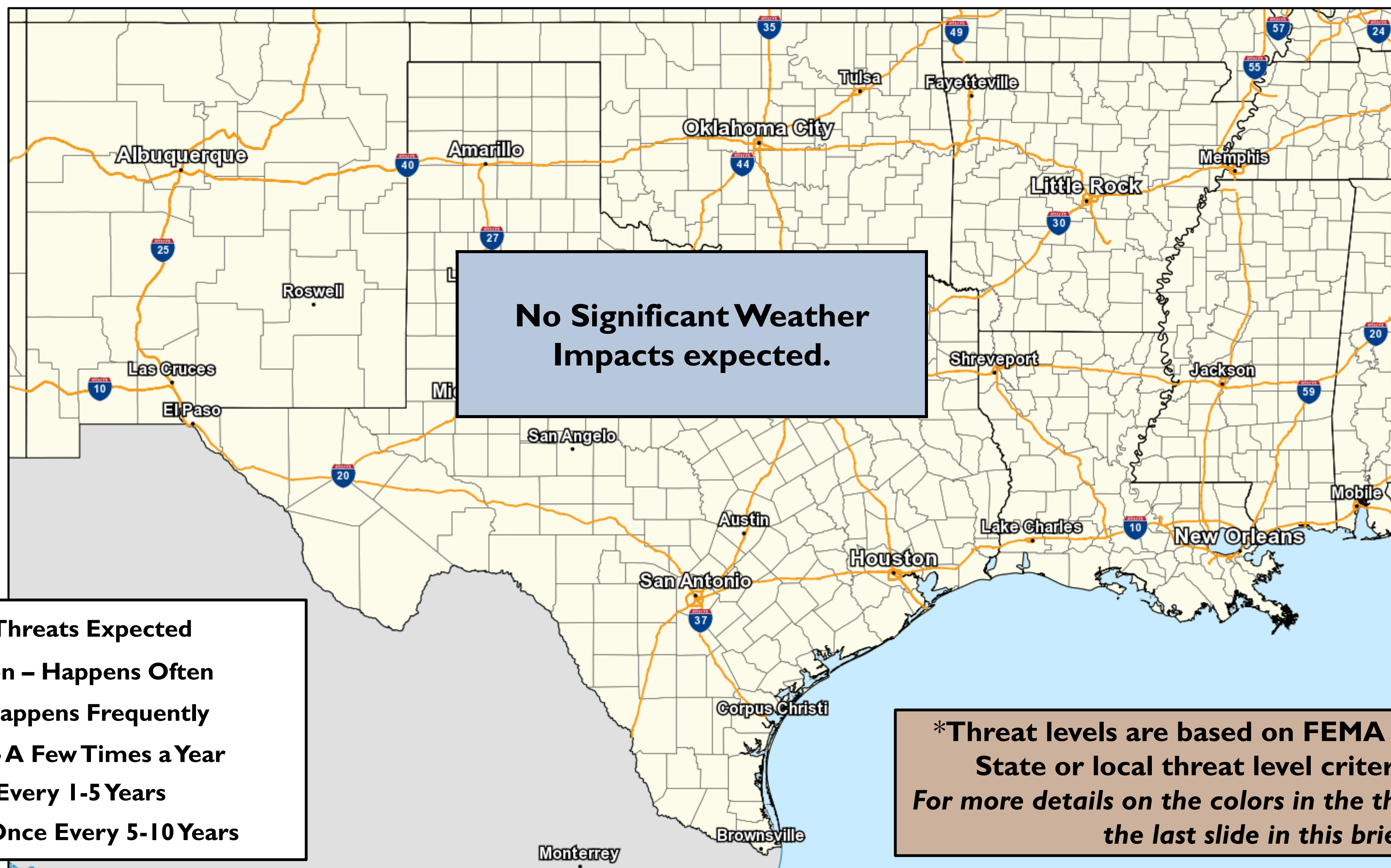


# Days 4-5 Weather Hazards

Friday - Saturday



SR ROC  
REGIONAL OPERATIONS CENTER



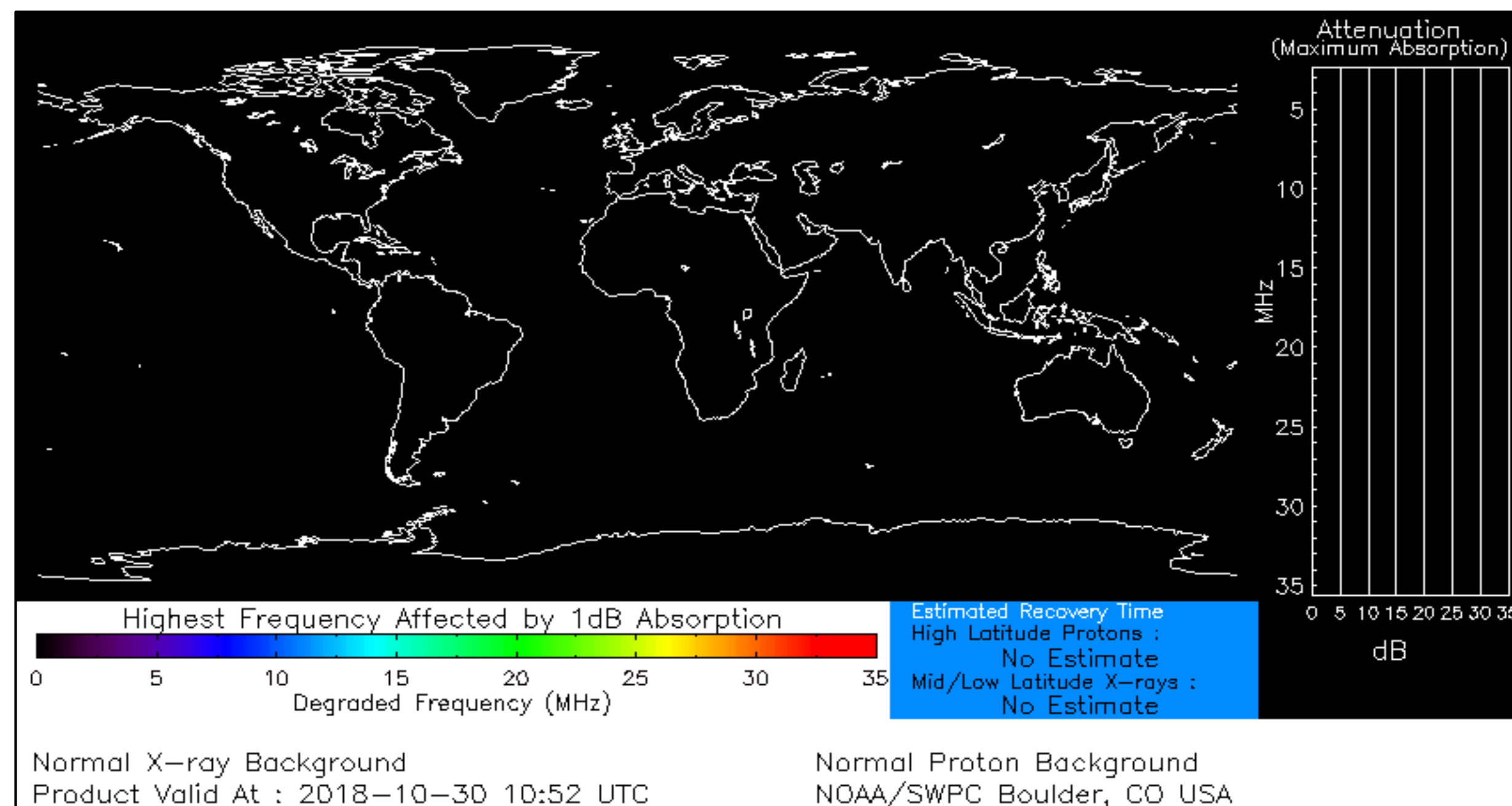


# Space Weather 3-Day Forecast



**SR ROC**  
REGIONAL OPERATIONS CENTER

	Tuesday	Wednesday	Thursday
Geomagnetic Storms	Unsettled to Active (Max Kp = 4)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)



2018-10-30 10:22:00 UTC





# For more information, please contact:

**National Weather Service**  
Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX

Phone: (682) 703-3747

E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)

Web: <http://www.weather.gov/srh>





Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	<b>Very Common</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>
Yellow	<b>Somewhat Common – Happens Frequently</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail</li> </ul>
Orange	<b>Uncommon – A Few Times a Year</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul>
Red	<b>Rare – Once every 1-5 Years</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>
Purple	<b>Very Rare – Once Every 5-10 Years</b> Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>

**Criteria for the color codes in this briefing is to the left, please provide any feedback to**

**[sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)**